OCT 2 4 2005 S/N 10/826,614

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Valerie Guralnik et al.

Examiner: Bui, Bryan

Serial No.:

10/826,614

Group Art Unit: 2863

Filed:

April 16, 2004

Docket No.: H0005848 US CIP

1

Title:

PRINCIPLE COMPONENT ANALYSIS BASED FAULT CLASSIFICATION

## **AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

This responds to the Office Action mailed on <u>July 22, 2005</u>. Please amend the above-identified patent application as follows.